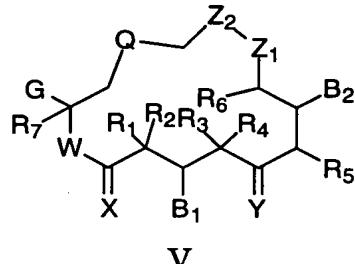


What is Claimed:

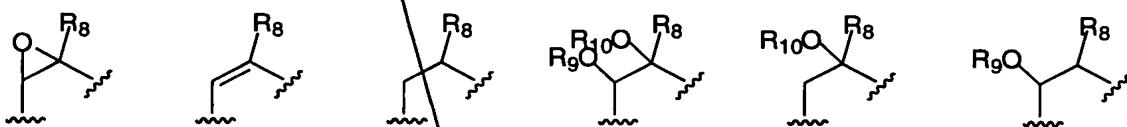
*perch  
Q<sub>2</sub>  
et  
D<sup>2</sup>*

1. A compound of the formula



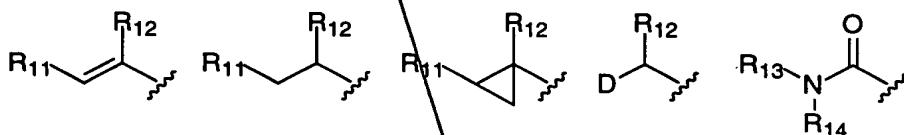
5

*Q* is selected from the group consisting of



10

*G* is selected from the group consisting of alkyl, substituted alkyl, substituted or unsubstituted aryl, heterocyclo,



15

*W* is O or NR<sub>15</sub>;

*X* is O or H, H;

*Y* is selected from the group consisting of O; H, OR<sub>16</sub>; OR<sub>17</sub>, OR<sub>17</sub>; NOR<sub>18</sub>; H, NOR<sub>19</sub>; H, NR<sub>20</sub>R<sub>21</sub>; H, H; or CHR<sub>22</sub>; OR<sub>17</sub> OR<sub>17</sub> can be a cyclic ketal;

20       *Z<sub>1</sub>*, and *Z<sub>2</sub>* are selected from the group consisting of CH<sub>2</sub>, O, NR<sub>23</sub>, S, or SO<sub>2</sub>, wherein only one of *Z<sub>1</sub>* and *Z<sub>2</sub>* can be a heteroatom;

*B<sub>1</sub>* and *B<sub>2</sub>* are selected from the group consisting of OR<sub>24</sub>, or OCOR<sub>25</sub>, or O<sub>2</sub>CNR<sub>26</sub>R<sub>27</sub>; when *B<sub>1</sub>* is H and *Y* is OH, H they can form a six-membered ring ketal or acetal;

*A  
Cont*

D is selected from the group consisting of NR<sub>28</sub>R<sub>29</sub>, NR<sub>30</sub>COR<sub>31</sub> or saturated heterocycle;

R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub>, R<sub>7</sub>, R<sub>13</sub>, R<sub>14</sub>, R<sub>18</sub>, R<sub>19</sub>, R<sub>20</sub>, R<sub>21</sub>, R<sub>22</sub>, R<sub>26</sub>, and R<sub>27</sub> are selected from the group H, alkyl, substituted alkyl, or aryl

5 and when R<sub>1</sub> and R<sub>2</sub> are alkyl can be joined to form a cycloalkyl; R<sub>3</sub> and R<sub>4</sub> are alkyl can be joined to form a cycloalkyl;

R<sub>9</sub>, R<sub>10</sub>, R<sub>16</sub>, R<sub>17</sub>, R<sub>24</sub>, R<sub>25</sub>, and R<sub>31</sub> are selected from the group H, alkyl, or substituted alkyl;

10 R<sub>8</sub>, R<sub>11</sub>, R<sub>12</sub>, R<sub>28</sub>, R<sub>30</sub>, R<sub>32</sub>, R<sub>33</sub>, and R<sub>30</sub> are selected from the group consisting of H, alkyl, substituted alkyl, aryl, substituted aryl, cycloalkyl, or heterocyclo;

R<sub>15</sub>, R<sub>23</sub> and R<sub>29</sub> are selected from the group consisting of H, alkyl, substituted alkyl, aryl, substituted aryl, cycloalkyl, heterocyclo, R<sub>32</sub>C=O, R<sub>33</sub>SO<sub>2</sub>, hydroxy, O-alkyl or O-substituted alkyl, the

15 pharmaceutically acceptable salts thereof and any hydrates, solvates or geometric, optical and stereoisomers thereof, with the proviso that compounds wherein

W and X are both O; and

R<sub>1</sub>, R<sub>2</sub>, R<sub>7</sub>, are H; and

20 R<sub>3</sub>, R<sub>4</sub>, R<sub>6</sub>, are methyl; and

R<sub>8</sub>, is H or methyl; and

Z<sub>1</sub>, and Z<sub>2</sub>, are CH<sub>2</sub>; and

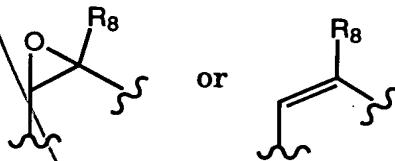
G is 1-methyl-2-(substituted-4-thiazolyl)ethenyl; and

Q is as defined above

25 are excluded.

2. The compound of claim 1 wherein

Q is



5

X is O;

Y is O;

Z<sub>1</sub>, and Z<sub>2</sub>, are CH<sub>2</sub>; and

W is NR<sub>15</sub>.

3. A compound selected from the group consisting of:

10 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-4,13,17-trioxabicyclo[14.1.0]heptadecane-5,9-dione;

15 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12-tetramethyl-3-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-4,13,17-trioxabicyclo[14.1.0]heptadecane-5,9-dione;

20 [4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-1,10-dioxa-13-cyclohexadecene-2,6-dione;

25 [4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-5,5,7,9-tetramethyl-16-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-1,10-dioxa-13-cyclohexadecene-2,6-dione;

30 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-4,14,17-trioxabicyclo[14.1.0]heptadecane-5,9-dione; *a*

[1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12-tetramethyl-3-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-4,14,17-trioxabicyclo[14.1.0]heptadecane-5,9-dione;

[4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-1,11-dioxa-13-cyclohexadecene-2,6-dione;

5

*Cont*

[4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-5,5,7,9-tetramethyl-16-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-1,11-dioxa-13-cyclohexadecene-2,6-dione;

10 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-4,17-dioxabicyclo[14.1.0]heptadecane-9-one;

15 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12-tetramethyl-3-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-4,17-dioxabicyclo[14.1.0]heptadecane-9-one;

20 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-3,8,8,10,12,16-hexamethyl-3-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;

[1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-3,8,8,10,12-pentamethyl-3-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;

25

[4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-5,5,7,9,13,16-hexamethyl-16-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-1-oxa-13-cyclohexadecene-2,6-dione;

30 [4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-5,5,7,9,16-pentamethyl-16-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-1-oxa-13-cyclohexadecene-2,6-dione;

35 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;

*F*  
cont

5 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-6,8,8,10,12-pentamethyl-3-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;

10 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-4-aza-17-oxabicyclo[14.1.0]heptadecane-5,9-dione;

15 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12-tetramethyl-3-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-4-aza-17-oxabicyclo[14.1.0]heptadecane-5,9-dione;

20 [4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-5,5,7, 9,13-pentamethyl-16-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-1-aza-13-cyclohexadecene-2,6-dione;

25 [4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-5,5,7, 9,13-tetramethyl-16-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-1-aza-13-cyclohexadecene-2,6-dione;

*a*

30 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-4,8,8,10,12,16-hexamethyl-3-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-4-aza-17-oxabicyclo[14.1.0]heptadecane-5,9-dione;

35 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-4,8,8,10,12-pentamethyl-3-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-4-aza-17-oxabicyclo[14.1.0]heptadecane-5,9-dione;

[4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-1,5,5,7, 9,13-hexamethyl-16-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-1-aza-13-cyclohexadecene-2,6-dione;

[4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-1,5,5,7, 9,13-pentamethyl-16-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-1-aza-13-cyclohexadecene-2,6-dione;

5 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-13-aza-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;

*Cont*

[1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12-tetramethyl-3-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-13-aza-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;

10 [4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-10-aza-1-oxa-13-cyclohexadecene-2,6-dione;

15 [4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-5,5,7,9-tetramethyl-16-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-10-aza-1-oxa-13-cyclohexadecene-2,6-dione;

20 [1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-14-aza-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;

[1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12-tetramethyl-3-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-14-aza-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;

25 [4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-11-aza-1-oxa-13-cyclohexadecene-2,6-dione;

30 [4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-5,5,7,9-tetramethyl-16-[1-methyl-2-(2-methyl- 4-thiazolyl)ethenyl]-11-aza-1-oxa-13-cyclohexadecene-2,6-dione;

35 [1S-[1R\*,3R\*,7R\*,10S\*,11R\*,12R\*,16S\*]]-N-Phenyl-7,11-dihydroxy-8,8,10,12,16-pentamethyl-5,9-dioxo-4,17-dioxabicyclo[14.1.0]heptadecane-3-carboxamide;

44

[1S-[1R\*,3R\*,7R\*,10S\*,11R\*,12R\*,16S\*]]-N-Phenyl-7,11-dihydroxy-8,8,10,12-tetramethyl-5,9-dioxo-4,17-dioxabicyclo[4.1.0]heptadecane-3-carboxamide;

5

[4S-[4R\*,7S\*,8R\*,9R\*,15R\*]]-N-Phenyl-4,8-dihydroxy-5,5,7,9,13-pentamethyl-2,6-dioxo-1-oxa-13-cyclohexadecene-16-carboxamide;

[4S-[4R\*,7S\*,8R\*,9R\*,15R\*]]-N-Phenyl-4,8-dihydroxy-5,5,7,9-tetramethyl-

2 10 2,6-dioxo-1-oxa-13-cyclohexadecene-16-carboxamide; ;

[1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-methyl-2-(2-methyl-4-thiazolyl)cyclopropyl]-4,17-dioxabicyclo[4.1.0]heptadecane-5,9-dione; ;

15

[1S-[1R\*,3R\*(E),7R\*,10S\*,11R\*,12R\*,16S\*]]-7,11-Dihydroxy-8,8,10,12-tetramethyl-3-[1-methyl-2-(2-methyl-4-thiazolyl)cyclopropyl]-4,17-dioxabicyclo[4.1.0]heptadecane-5,9-dione; ;

20

[4S-[4R\*,7S\*,8R\*,9R\*,15R\*(E)]]-4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-methyl-2-(2-hydroxymethyl-4-thiazolyl)ethenyl]-1-aza-13(Z)-cyclohexadecene-2,6-dione;

and the pharmaceutically acceptable salts, solvates and hydrates

25 thereof.

4. A method of treating cancer in a patient which comprises providing an effective amount of a compound of claim 1 to said patient.

30

5. A method of treating hyperproliferative cellular disease in a patient which comprises providing an effective amount of a compound of claim 1 to said patient.

*Sub  
C2*

6. A method of providing an antiangiogenic effect in a patient in need of said treatment which comprises providing an effective amount of a compound of claim 1 to said patient.

*add  
07*